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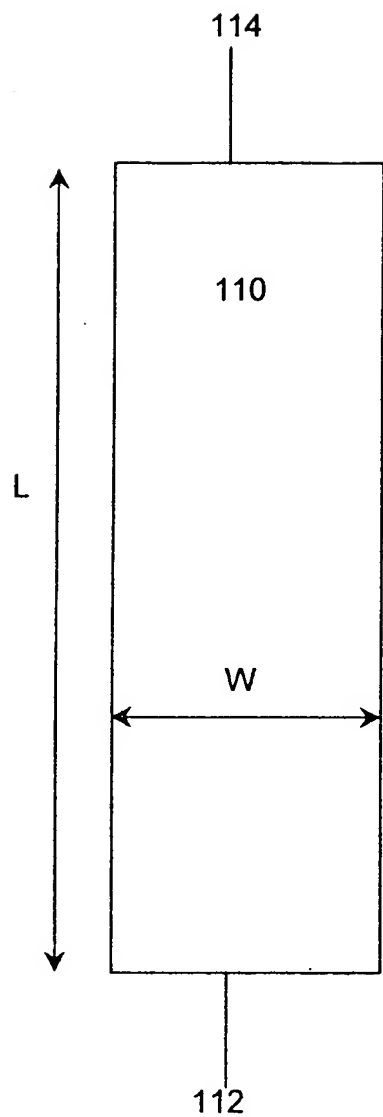


FIG. 1a
(Prior Art)

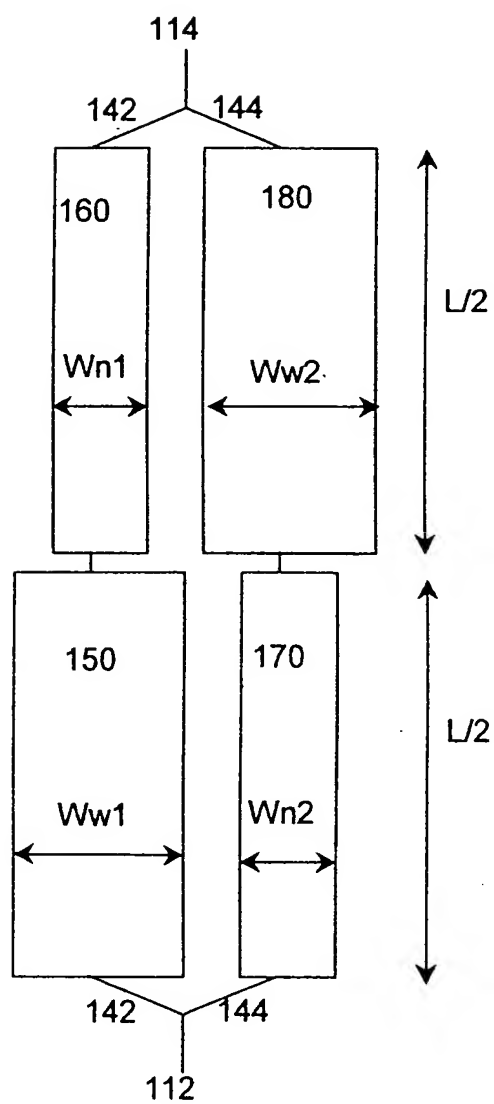


FIG. 1b

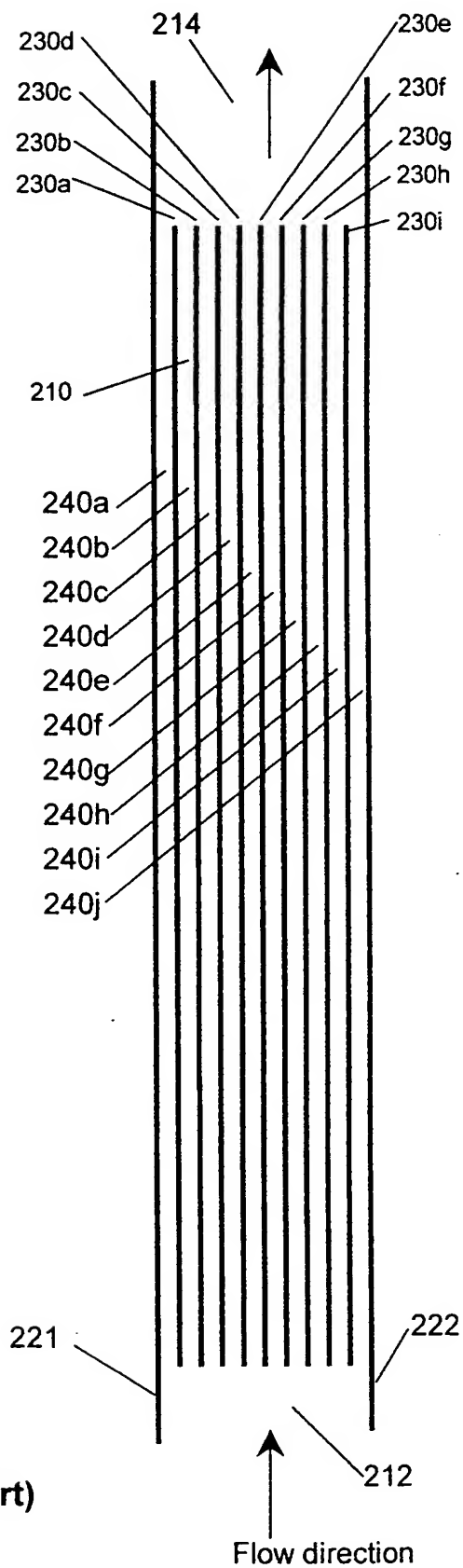


FIG. 2a
(Prior Art)

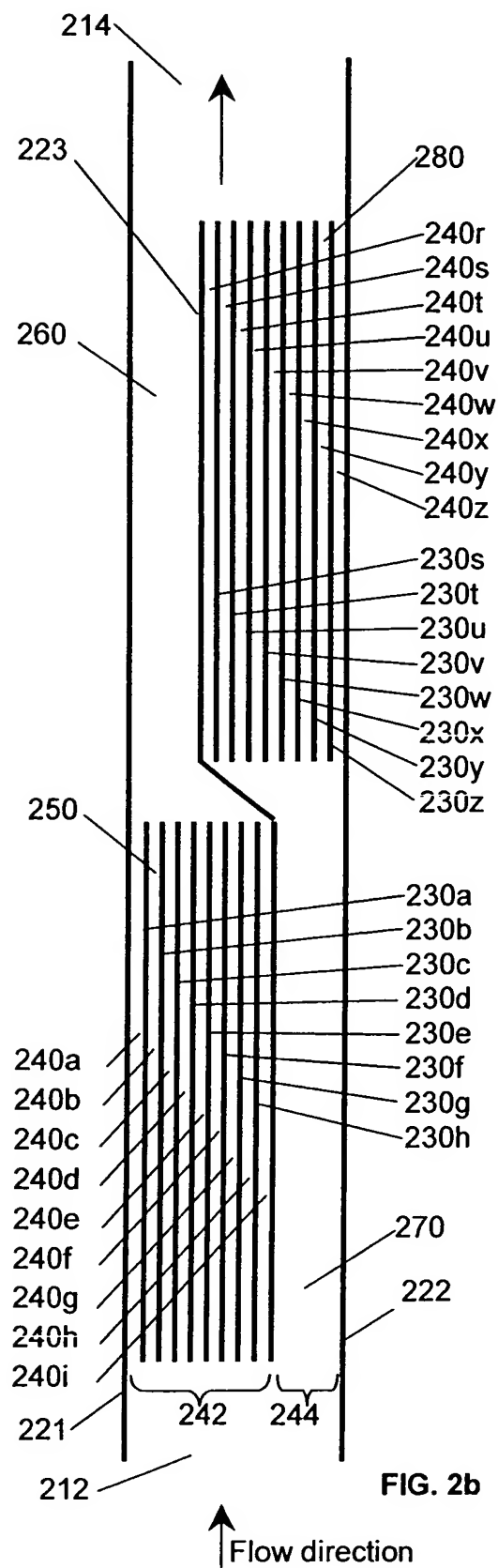


FIG. 2b

FIG. 3a
Contour plot of improvement factor
for laminar flow

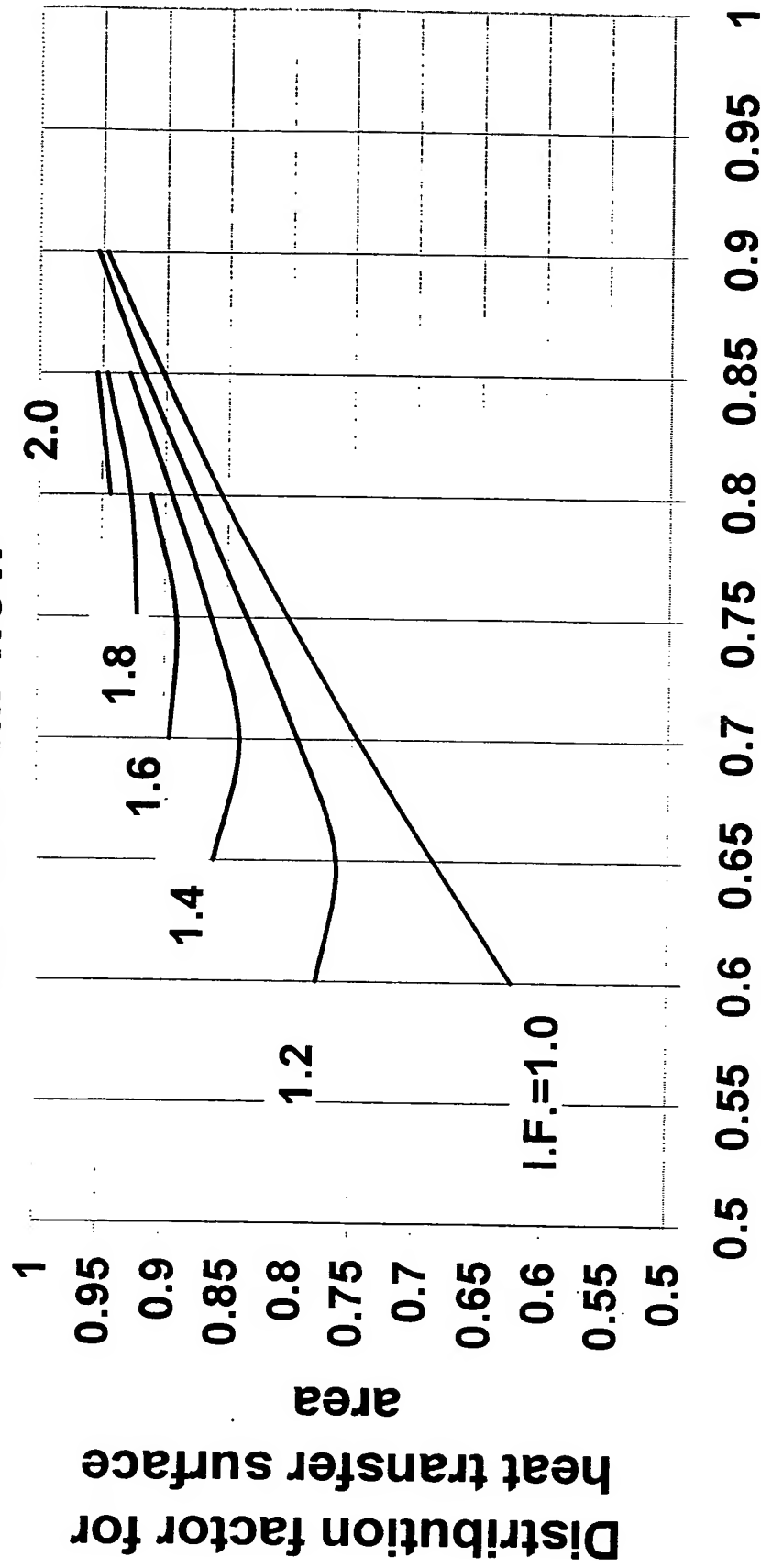


FIG. 3b
Contour plot of improvement factor
for turbulent flow

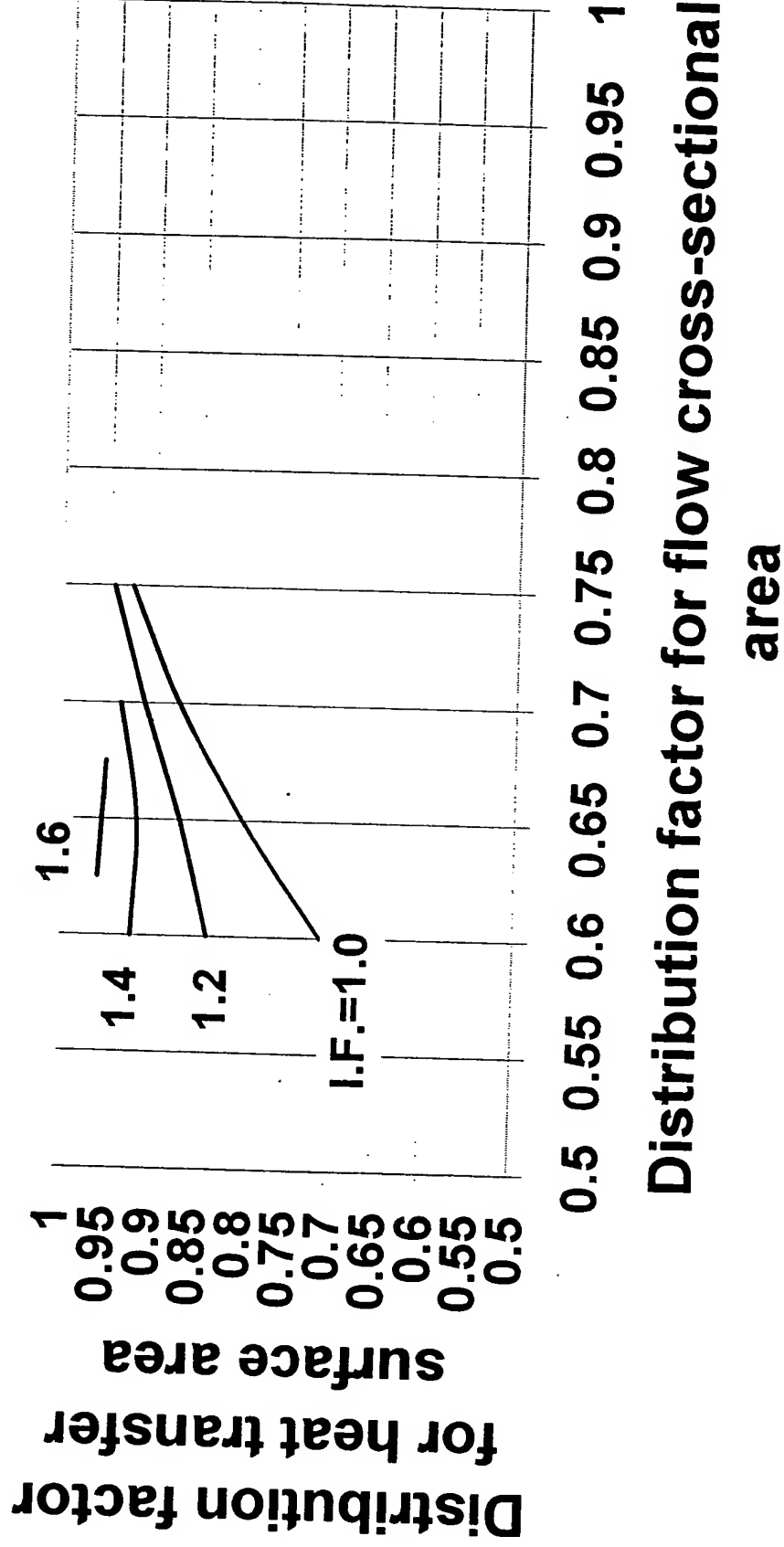
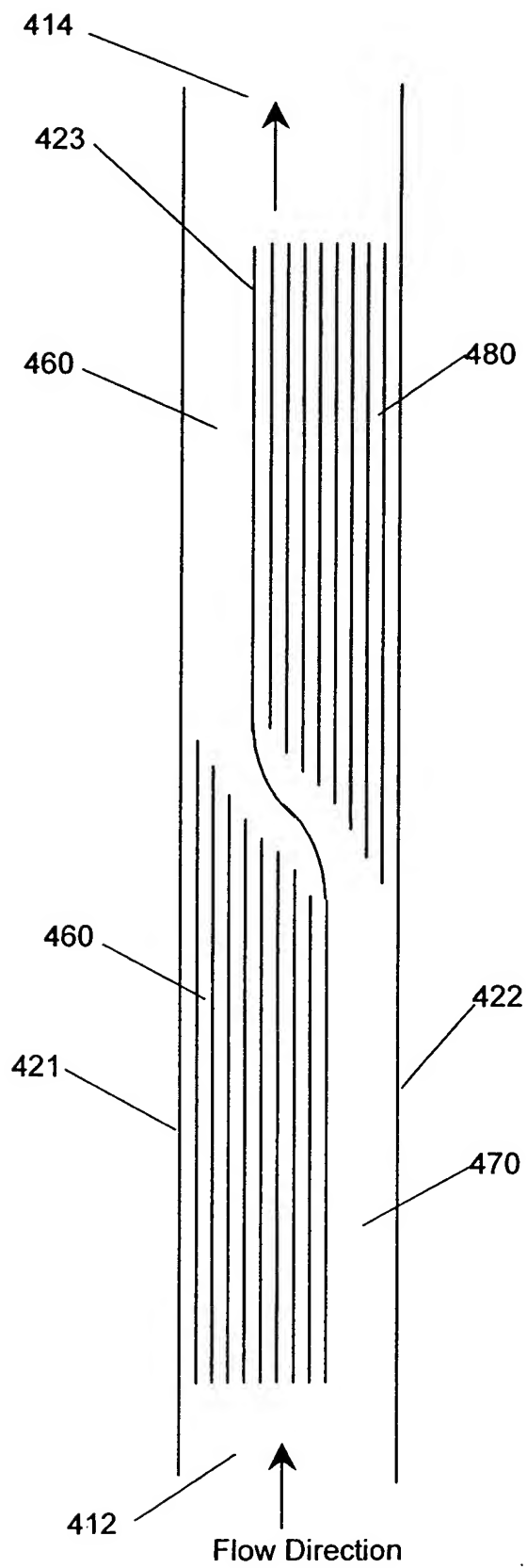


FIG. 4



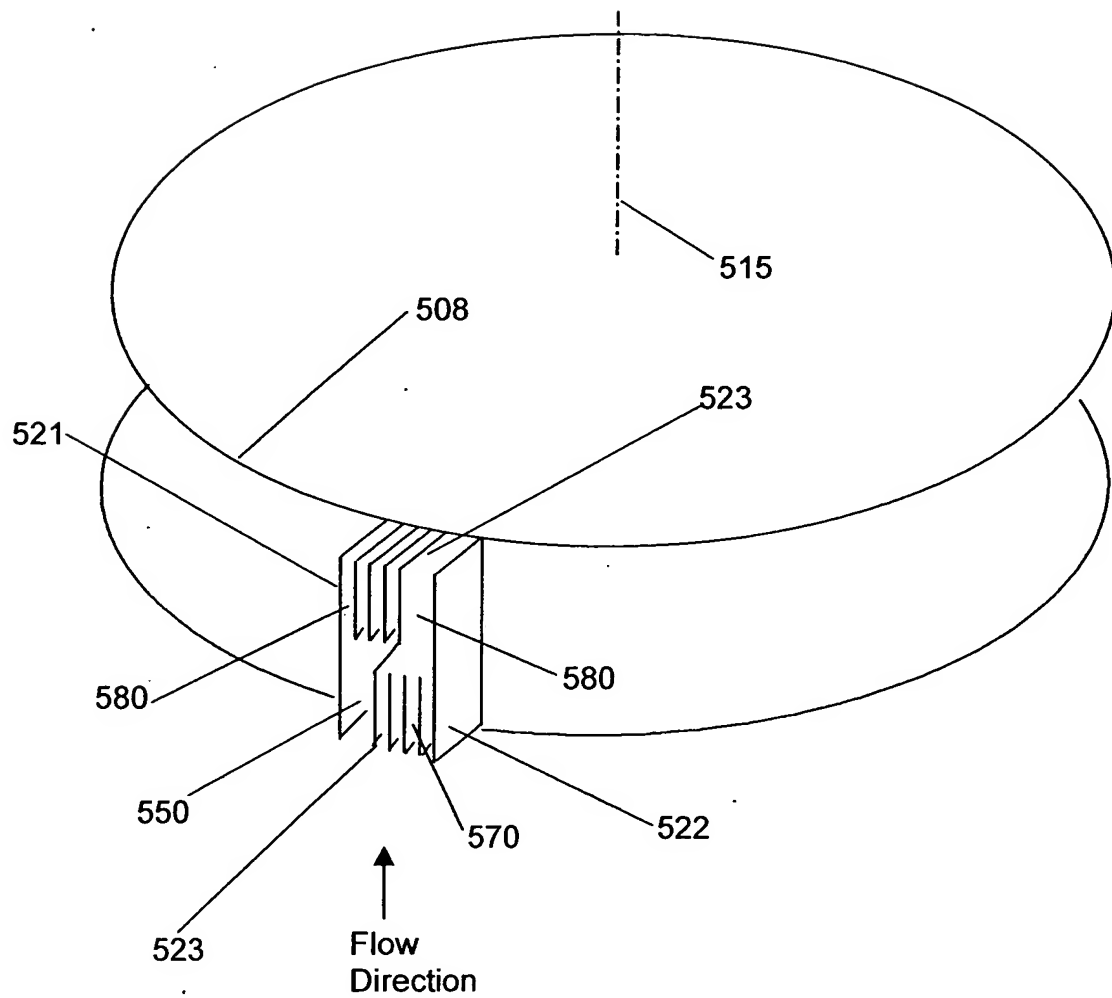


FIG. 5

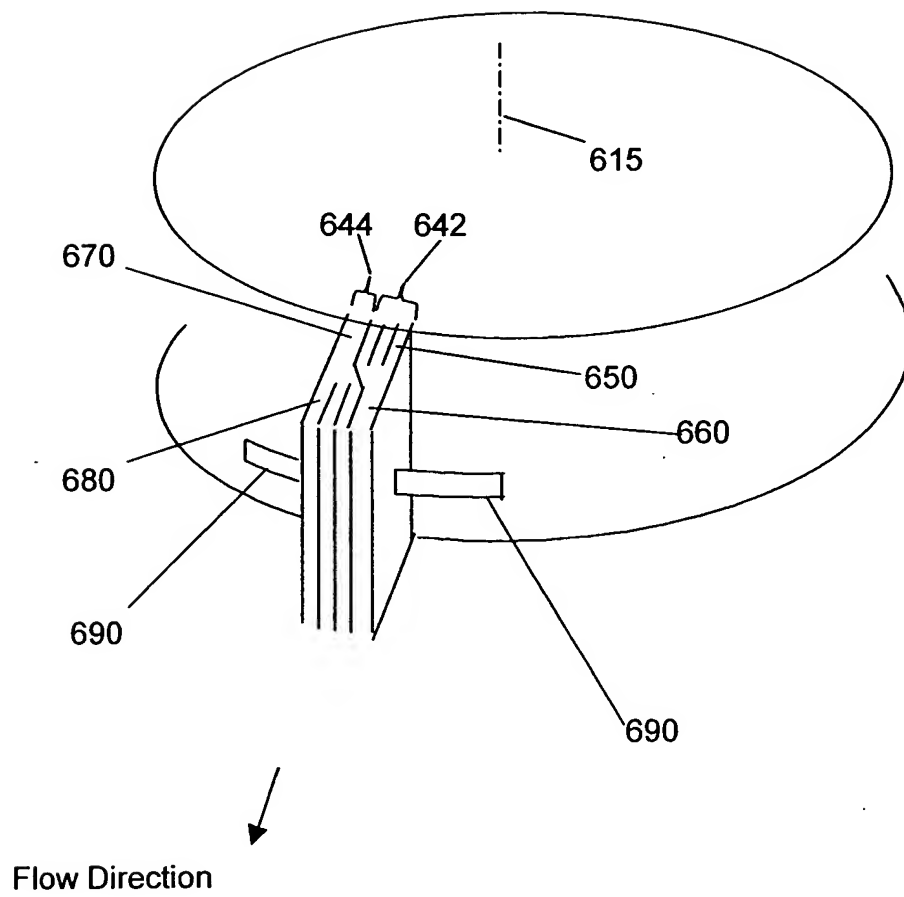


FIG. 6

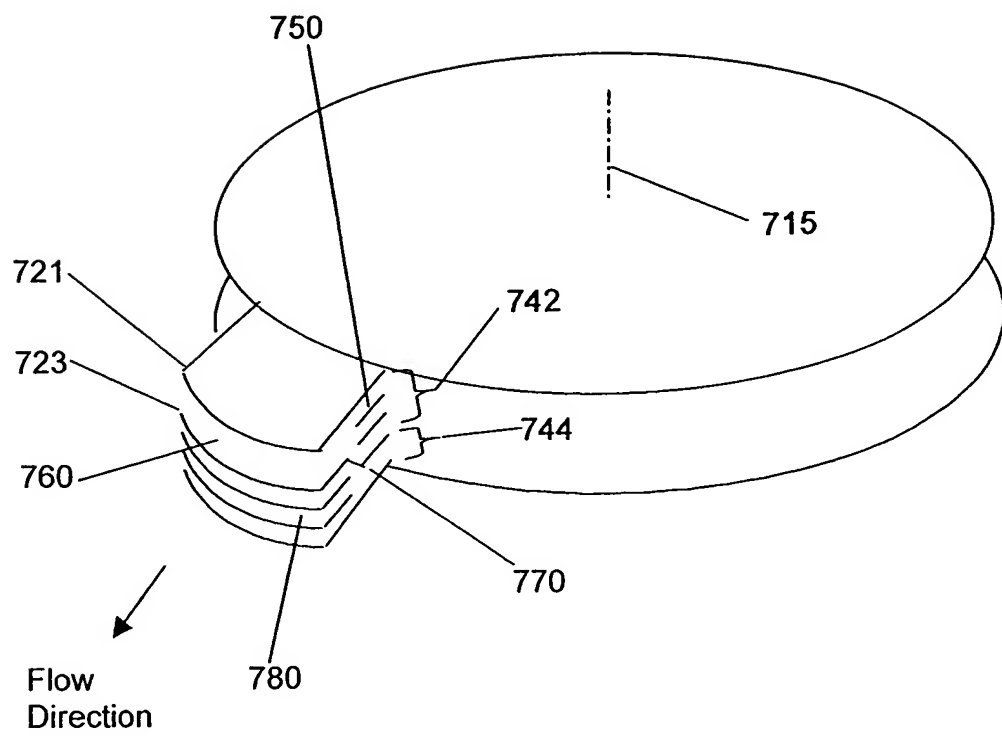


FIG. 7

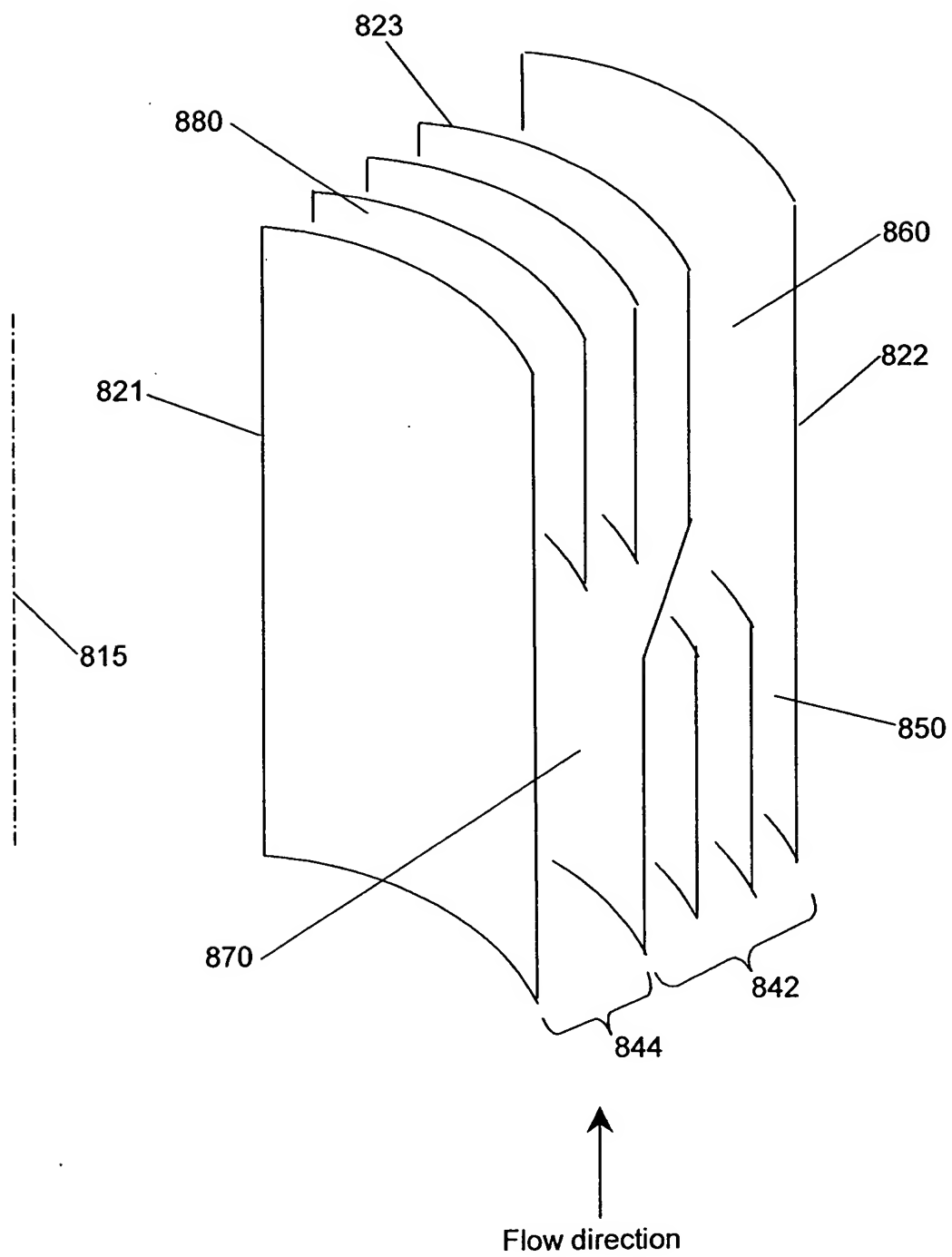


FIG. 8

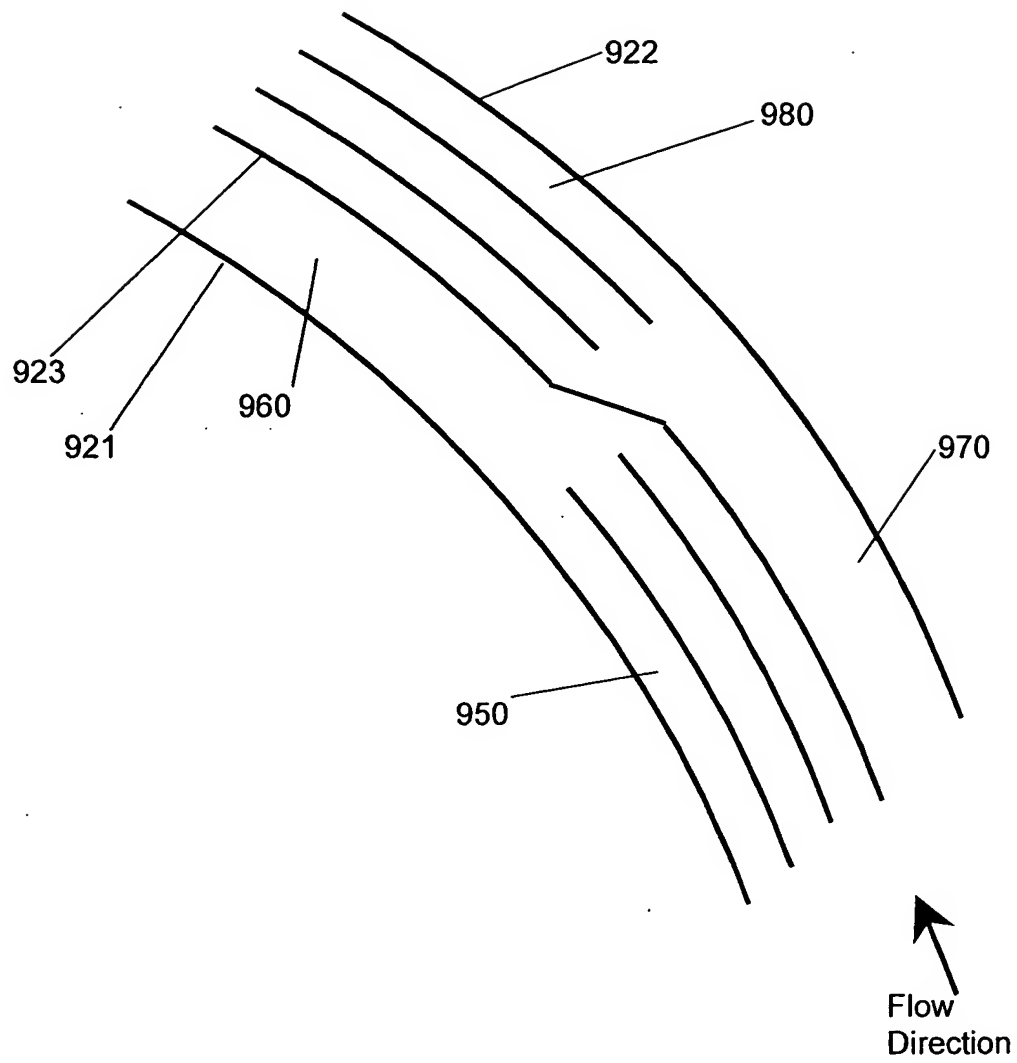


FIG. 9

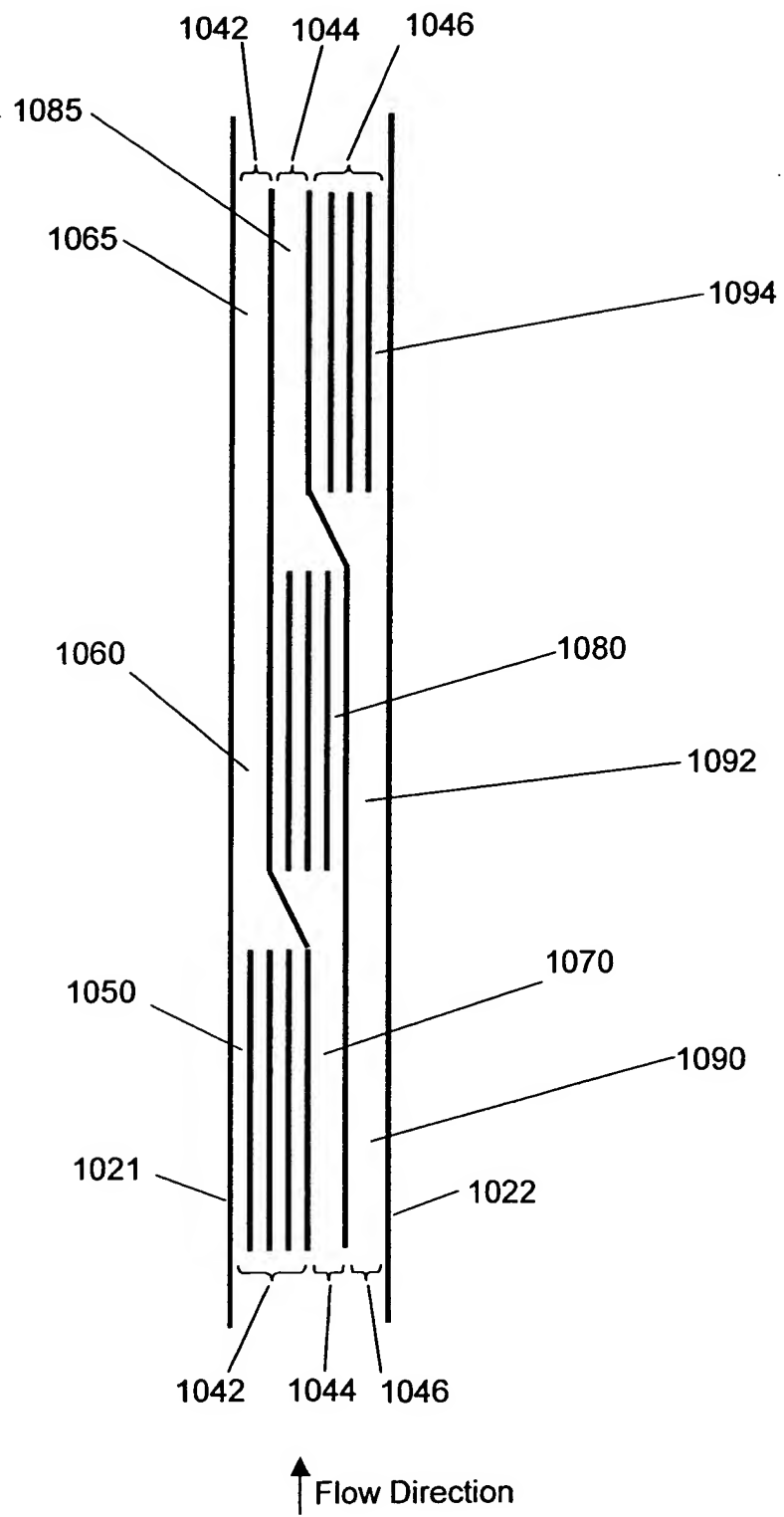


FIG. 10

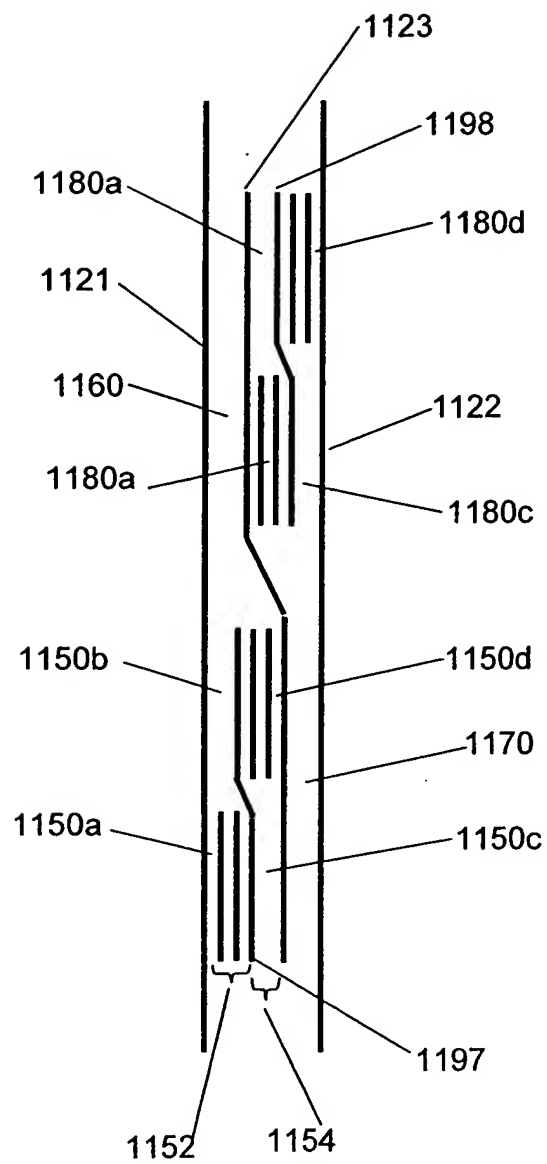


FIG. 11